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Proposed Maximum Residue Limit PMRL2012-29

Fluxapyroxad

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Under the authority of the *Pest Control Products Act*, Health Canada's Pest Management Regulatory Agency (PMRA) has received applications to register technical grade fluxapyroxad and the end-use products BAS 700 01 F Fungicide, BAS 700 04 F Fungicide, BAS 703 01 F Fungicide, BAS 703 02 F Fungicide, BAS 700 02 F Fungicide Seed Treatment and BAS 700 03 F Fungicide Seed Treatment for use in Canada on various commodities.

The evaluation of these fluxapyroxad applications indicated that the end-use products have merit and value and the human health and environmental risks associated with their proposed uses are acceptable. Details regarding these applications can be found in Proposed Registration Decision PRD2012-09, *Fluxapyroxad*, posted to the Health Canada website on 26 March 2012.

Before registering a pesticide for food use in Canada, the PMRA must determine the quantity of residues that are likely to remain in or on the food when the pesticide is used according to label directions and that such residues will not be a concern to human health. This quantity is then legally established as a maximum residue limit (MRL). An MRL applies to the identified raw agricultural food commodity as well as to any processed food product that contains it, except where separate MRLs are specified for the raw agricultural commodity and a processed product made from it.

Consultation on the proposed MRLs for fluxapyroxad is being conducted domestically via PRD2012-09. Information regarding the proposed MRLs can be found in Sections 3.5.4 and 7.1, while Appendix II addresses the international situation and trade implications. Supporting field trial residue data are provided in Appendix I, Table 4. The PMRA invites the public to submit written comments on the proposed MRLs for fluxapyroxad in accordance with the guidance found in the Proposed Registration Decision.

To comply with Canada's international trade obligations, consultation on the proposed MRLs is also being conducted internationally by notifying the World Trade Organization, as coordinated by the Standards Council of Canada.

The proposed MRLs for fluxapyroxad in Canada in or on food are as follows.

Table 1 Proposed Maximum Residue Limit for Fluxapyroxad

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Fluxapyroxad	3-(difluoromethyl)-1-methyl-*N*-(3′,4′,5′-trifluoro[1,1′-biphenyl]-2-yl)-1*H*-pyrazole-4-carboxamide	4.5	Rice bran
		3.0	Cereal grains (Crop Group 15, except wheat and corn), dried prune plums
		2.0	Edible-podded legume vegetables (Crop Subgroup 6A), stone fruits (Crop Group 12-09)
		0.9	Oilseeds (Crop Group 20, except cotton seeds)
		0.8	Pome fruits (Crop Group 11-09)
		0.7	Fruiting vegetables (Crop Group 8-09)
		0.6	Wheat bran
		0.5	Succulent shelled pea and bean (Crop Subgroup 6B)
		0.4	Dried shelled pea and bean, except soybean (Crop Subgroup 6C)
		0.3	Wheat
		0.15	Dry soybeans; sweet corn kernels plus cob with husks removed
		0.1	Sugar beet roots
		0.05	Fat of cattle, goats, horses and sheep
		0.03	Corn oil; meat byproducts (except kidney) of cattle, goats, horses and sheep
		0.02	Tuberous and corm vegetables (Crop Subgroup 1C); peanut oil
		0.01	Fat, meat and meat byproducts of hogs and poultry; kidney and meat of cattle, goats, horses and sheep; field corn; peanuts; popcorn grain; undelinted cotton seeds;
		0.005	Milk
		0.002	Eggs

ppm = parts per million

MRLs are proposed for each commodity included in the listed crop groupings in accordance with the Residue Chemistry Crop Groups webpage in the Pesticides and Pest Management section of Health Canada's website.

A complete list of all pesticide MRLs established in Canada, as of the date indicated, can be found on the Maximum Residue Limits for Pesticides webpage in the Pesticides and Pest Management section of Health Canada's website.

International Situation and Trade Implications

Fluxapyroxad is a new active ingredient which is concurrently being registered in Canada and the United States. The MRLs proposed for fluxapyroxad in Canada are the same as corresponding tolerances to be promulgated in the United States, except for certain livestock commodities, in accordance with Table 2, for which differences in MRLs/tolerances may be due to different livestock feed items and practices.

Once established, the American tolerances for fluxapyroxad will be listed in the Electronic Code of Federal Regulations, 40 CFR Part 180, by pesticide.

Currently, there are no Codex MRLs[1] listed for fluxapyroxad in or on any commodity on the Codex Alimentarius Pesticide Residues in Food webpage.

Table 2 Comparison of Canadian MRLs and American Tolerances (where different)

Food Commodity	Canadian MRL (ppm)	American Tolerance (ppm)
Meat byproducts, except kidney, of cattle, goats, horses and sheep	0.03	0.03 (for meat byproducts)
Kidney of cattle, goats, horses and sheep	0.01	
Fat, meat and meat byproducts of hogs and poultry	0.01	Not to be established

[1] The Codex Alimentarius Commission is an international organization under the auspices of the United Nations that develops international food standards, including MRLs.